

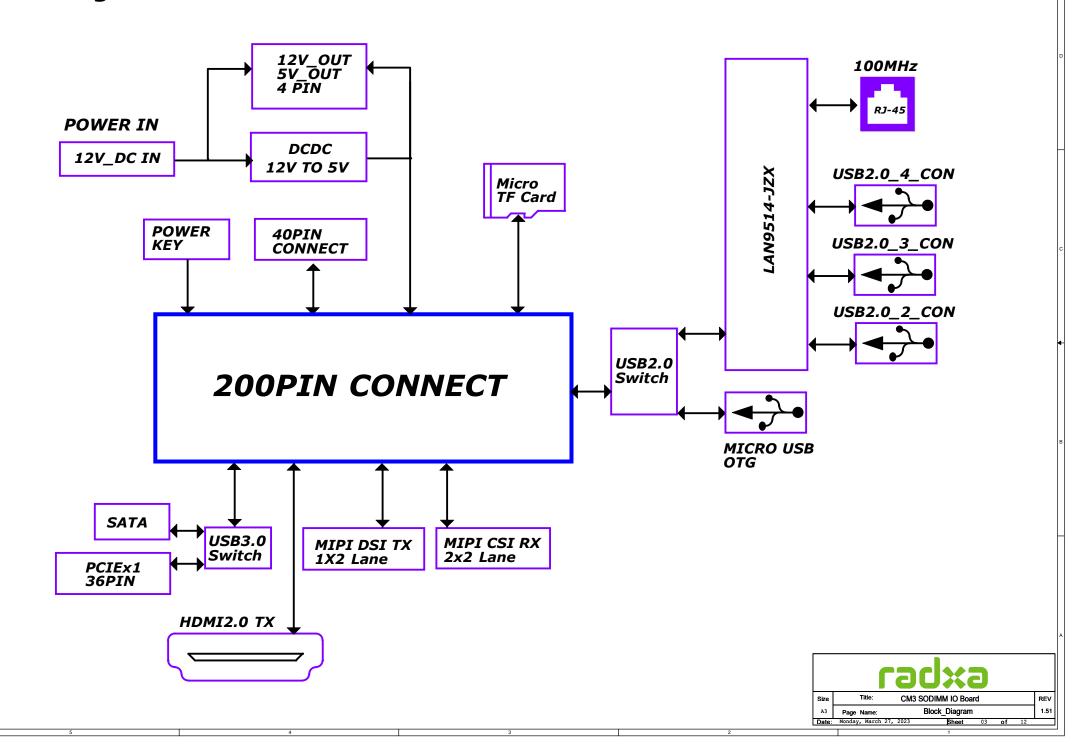
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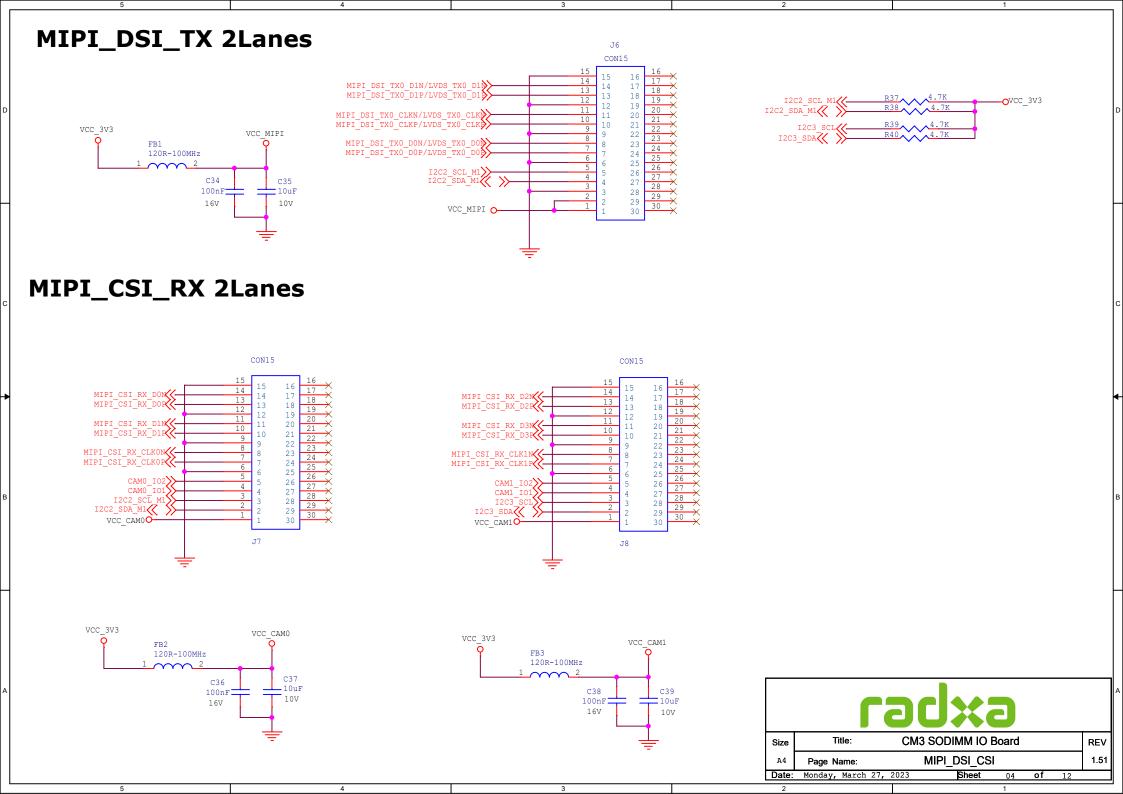
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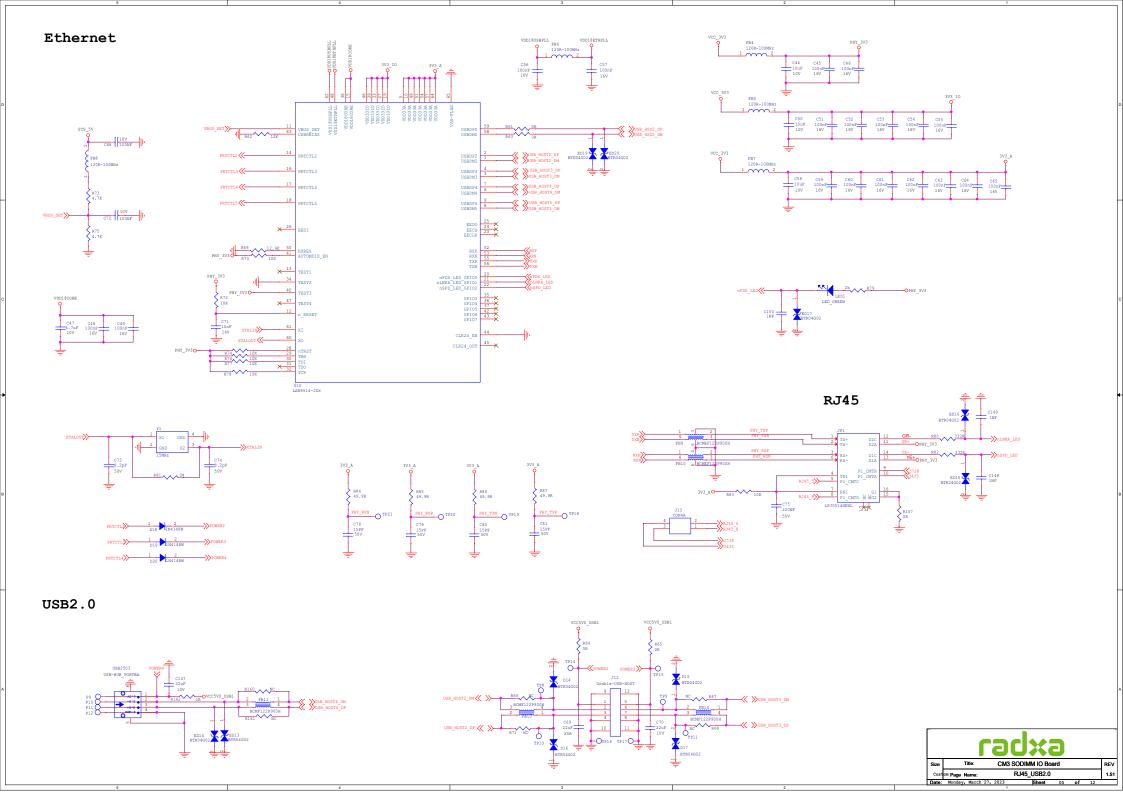
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## **Block Diagram**







## PCIE R90616 OR VCC3V3\_PCIE L8705 U90007 1.5UH/6A VCC12V SCT2250FPA C90345 100nF R167 NC VCC12VO-+12V B1 PRSNT1# C90352 B2 B3 C9034 C90351 +12V\_B2 +12V\_B3 GND\_B4 VCC12V +12V\_A2 C90356 C90357 C90350 C90355 10uF R90618 C161 C162 = 100nF = +12V\_A3 GND\_A4 10uF NC/100PF B4 B5 B6 100k 10V 10V 100nF 25V 25V 25V 25V 25V R168 22R R169 22R OVCC3V3 PCIE JTAG TCK FB=0.6VR90620 SMDAT JTAG\_TDI R90621 GND\_B7 +3.3V B8 JTAG\_TDO JTAG TMS A7K/1% VCC3V3\_PCIE O-1 R90622 47k R171 -OVCC3V3\_PCIE JTAG TRST +3.3V A9 FB VCC3V3\_PCIE B10 3.3VAUX WAKE# +3.3V A10 PERST# R90624 10K/1% ₩PCIE20\_PERSTn PCIE20 WAKEN M2>> VOUT C90358 22uF 10V R90625 C90360 PCIE20\_CLKREQn\_M2 >> C90359 nCLKREQ\_B12 GND B13 GND\_A12 REFCLK P B13 100K PCIE20\_REFCLKP B14 B15 B16 PCIE20\_TXP\_1 R90627 10V REFCLK N GND A15 R90626 R90629 NC A16 ->>PCIE20 RXP 1 GND B16 HSIp(0) NC C90354 1UF SPCIE20\_RXN\_1 PRSNT2# 1 HSIn(0) GND A18 GND B18 x1 J18 VCC PCIEX1 36PIN DIP VCC\_3V3 O-C163 C164 10uF 100nF 10V 16V SATA PAD PCIE20 TXP 1 SSA0-P EN 17 16 15 14 OE (0=EN) PCIE20\_TXP PCIE20\_TXN PCIE20 TXN PCIE20 RXP SSA0-N SSB0-P SSA-N SATA1 TXN R173 OR OVCC 3V3 PCIE20\_RXN\_1 SATA1\_TXP SSB0-N SSA1-P GND1 NC1 ->>PCIE20 RXP SSA1-N SSB-P SATA1\_RXN SATA1\_RXP SATA1\_RXN SSB1-P SSB-N PCIE20\_RXN R175 OR C168 10nF -SSB1-N SEL R176 NC GND3 J19 U39 D50 X D51 D48 D49 BTR04G02 SATA30\_7P\_V\_DIP CH482D 10 BTR04G02 BTR04G02 ÷ SEL (0=SW0, 1=SW1)VCC\_3V3

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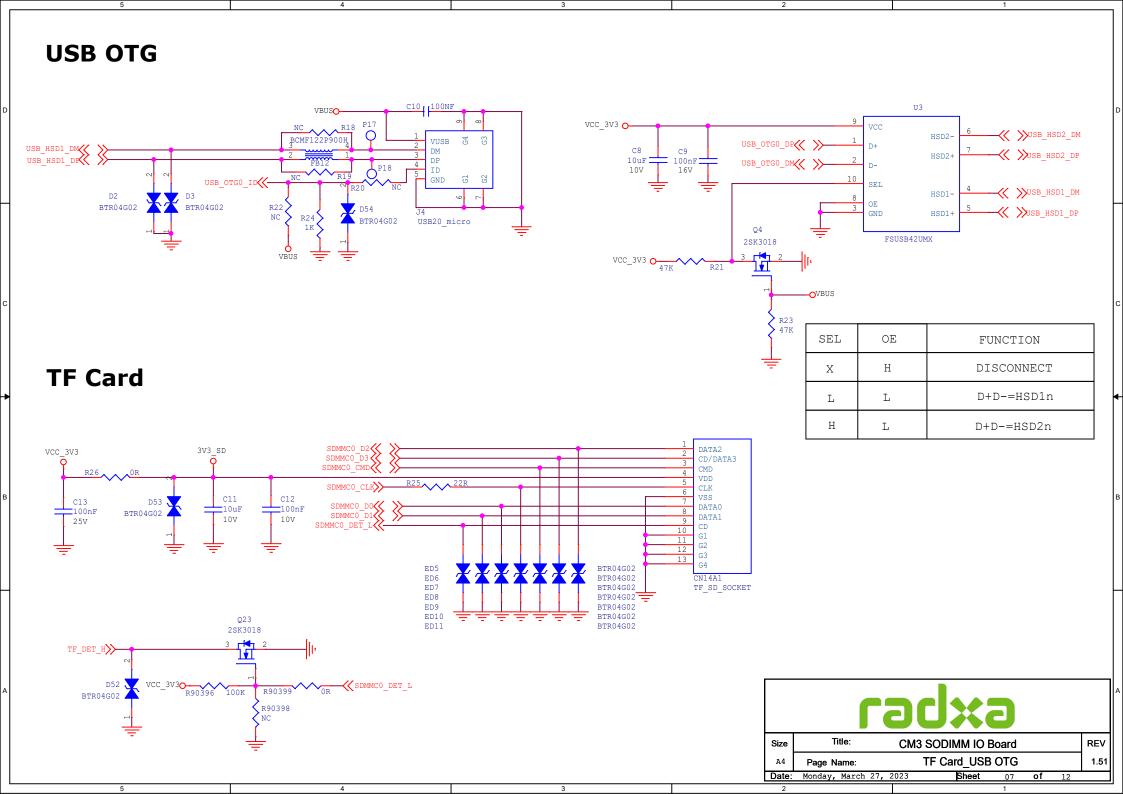
CM3 SODIMM IO Board

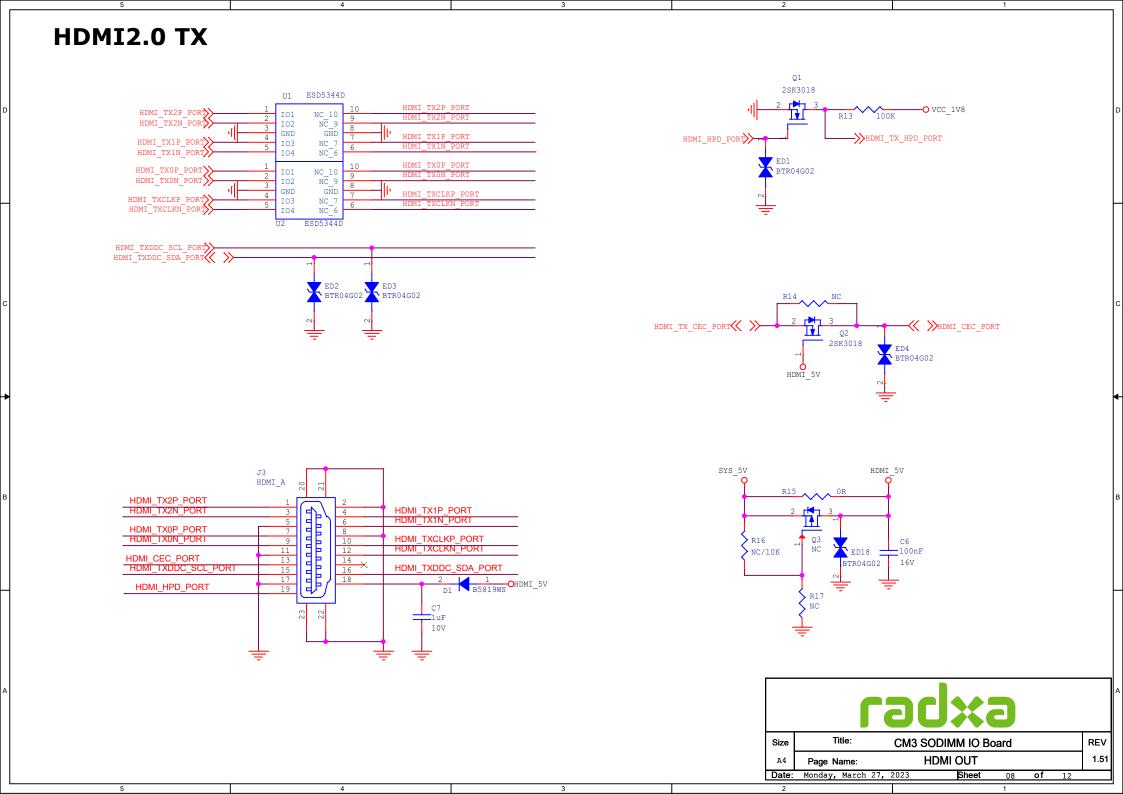
PCIE2.0 SATA

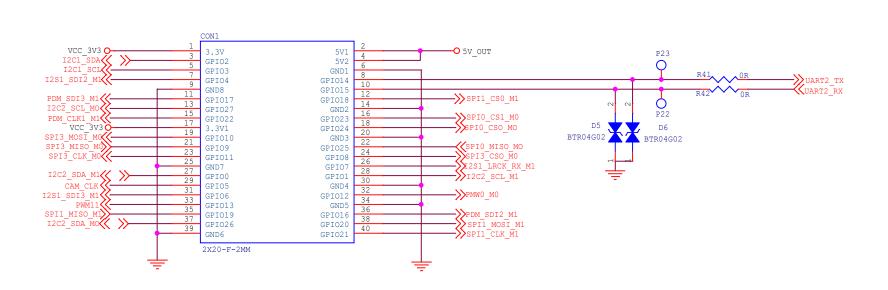
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